Missouri Botanical Garden
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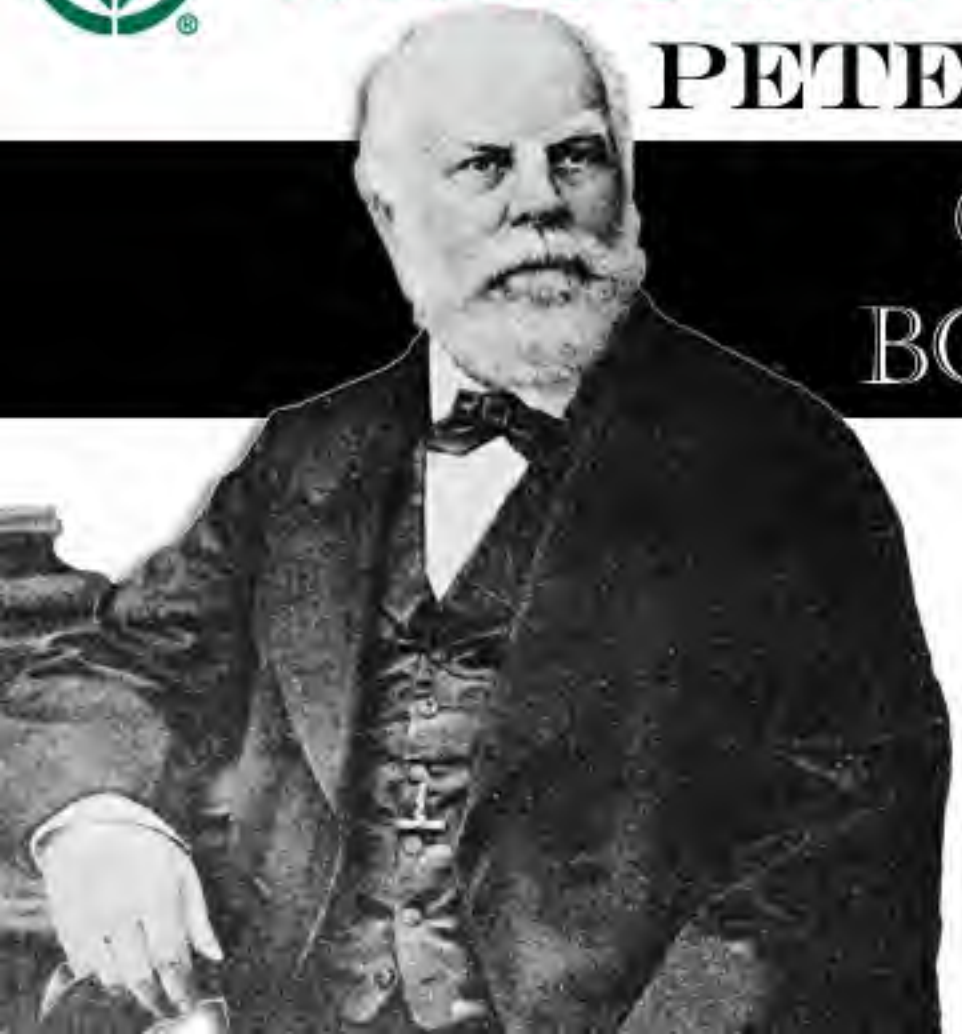
George Engelmann Botanical Notebooks



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

1453-71

" Abies Pattoni Jeffrey " Mt Baker Range 49° Lat. 1851

" " Gordon Pin p. 10 & Suppl. p. 6.

— Pattoniana A. Murray

— Hookeriana A. Murr.; Wm Murr. on Scotts Mtn Lobb on Head waters of Feather River

(Tsuga)

Pinus Pattoniana Parlator — DC Prod Cruf p. 429

Abies Williamsonii Newberry Pac R Rep 6, 53 t 7

Tsuga Hookeriana Carrière Conif ed 2 252

our common plant, Williamsonii, is widely P. Hookeriana of Murray, and his Pattoniana is that doubtful thing, which but for the large cones I would undoubtedly consider as a form of Mertensiana, which we have found high up on the Mountains of Fraser River (& Mount Baker range)

Hesperopeuce Engelm Bot Jahrb — 26. p. 484 1868

0 1 2 3 4 5 6 7 8 9 10 cm
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Lobelia fulgens Alum
" formosa Prott

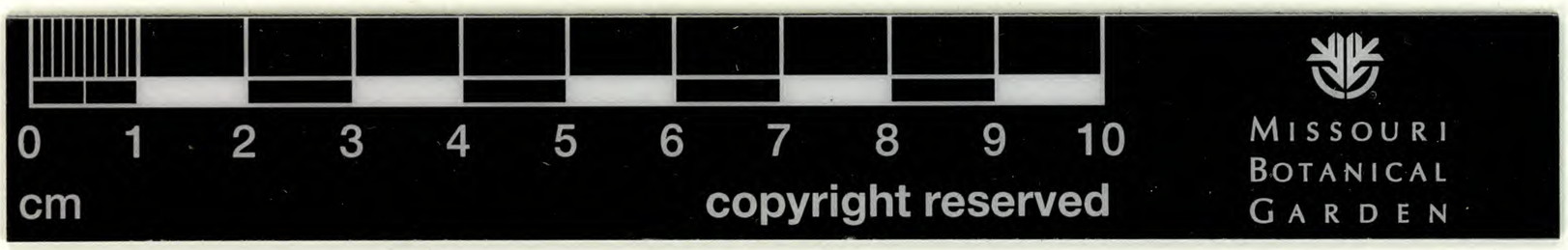
Spec I, 712

4 Mexico

H. B Fr
1825

Missouri Botanical Garden
George Engelmann Papers

10560



ering.

Dimensions.—Length, 0.20 of an inch; width, 0.18.

The *Elæacrinus Kirkwoodensis* is nearly allied to *E.* (*Pentremites*) *melo*, from which it is distinguished by its much smaller size and less deeply excavated base. It also occupies a higher geological position.

Occurs in the St. Louis Limestone (Carboniferous) on the Pacific railroad near Kirkwood, St. Louis county, Missouri.

14574

cm 0 1 2 3 4 5 6 7 8 9 10
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as range of mou... cumstances prevented me from obtaining more than a few crystals, which are now deposited in the collection of the Smithsonian Institute; a few others are also in the hands of members of the party. We were travelling at the time by forced night marches with nearly worn out animals, seeking to gain a spring of water in a distant range of mountains. This desert was then entirely unexplored. I have but little doubt that more interesting materials are to be found at the same point.

10561

The mountains of the former Territory of Utah promise a rich yield to the mineralogist. We know already of gold and silver ores in the east, west and south part of that district; of copper and lead ores in the south, and I have discovered the latter also in the centre of it; of specular iron ores and native sulphur in the Rocky Mountains and near Little Salt Lake; of rock salt in the mountains south-east of Utah Lake; of native alum near Salt Lake; of various other salts in the deserts; and of silicates, composing the granites, porphyries, diorites, trachytes, and lavas, nearly over the whole area.

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GEORGE ENGELMANN PAPERS

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May 1885

Abies Pattoniana Hook Edinb. 1849. from Lat 42°

(but not A Pattoniana (Tsuga Pattoniana Eng) of the books)

said to come from Mt Baker Range Lat 49°.—

and by Lyall said to be identical with A. Hanbaniana

and A. Parryana Rob. Abr. minor

Is it a true Tsuga, as the leaf-structure would indicate?

I possess a specimen from Ht. Bot Edinb. so named and agreeing with Mr Hall's & Lyall's description

10562

Dear Engelmann — The bulbous root you left with Dr Gray some time ago is now in flower — something like a Narcissus — with a most delightful perfume —

Yrs truly
A Gray

Friday Morn

MISSOURI BOTANICAL GARDEN
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New Haven.
Aug 7

My dear Mr Watson.

I send you a small parcel containing Mrs Cooper's Potamogetons - Zannichellia, Lemna, &c. - Kindly name them, & give me names - Nos 1. 2. 3. 4. she wants returned - 1 & 2 are Calochorti, & 3 & 4 you are much more likely to know than I.

I send also three things from Mt. Desert - tickets enclosed - Thanks for Contributions, &c.

Yours faithfully
S. Watson

1 Euphorbia corollata - not common
2. Calochortus elegans
3, Carex bullata cumulata
4. Tillaea aquatica
5
4. Zannichellia palustris
11. Calitriche autumnalis
2, Lemna minor, gibba
13, Pot. pusillus

Murray in Linn. Trans. Phil. Soc. Lon. v. 23 p. 291

F. 1851.

Abies Hookeriana

50'. × 20"

Cones light fawn, smaller scales larger

seed dark grey larger

Cones green both sides

G. Lyons says that this is P. Pattoniana, Engelm.

Pattoniana

150'

Dark brown larger scales smaller

seed dark grey smaller

white below silvery

and this a distinct species [Coll. + Hort. Cone]

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10563

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Orlando April 25 1887

Tsuga Pattersoniana of Meadows County is by the Lumbermen considered very different from Canadensis — bark ± form Cinnamon brown ± latter grayish — Branches very slender, graceful, horizontal.

10564

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GEORGE ENGELMANN PAPERS

Bolander writes

Tsuga Mertensiana has

cinnamon red bark

while that of Canadensis is gray

10565

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GEORGE ENGELMANN PAPERS

Standing Committee for action at the next regular committee meeting after receipt. He will then endorse the action of the Committee on each blank, and give them to the *Permanent Secretary*. The names of members elected will be published in the daily programmes. New members, if present, are expected to call at the desk of the Permanent Secretary for their tickets. Copies of this blank will be furnished by the Permanent Secretary on application.—F. W. PUTNAM, *Permanent Secretary, Salem, Mass.*

Tsuga Mertensiana

Leaves 5-6 lines cones 1½ inches long
Hook F. B. A. 2. 164

Carriere 232 translates Bongard Veg. Sitch.
= A. Pictet. p. 163

Juniperus 12 metrica. cones 4-5 Centimet. long
4 centimet. is about 1½ inches

Bongards words are: Strobili sesquipollicares, but the original Petersburg
specimen figured in Gard. Chron. has only 1 inch long

10566

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Dr. GEORGE ENGLEMAN,

N. W. Corner of Garrison Avenue and Locust Street.

Date

No.

Rx Trad

Tuga Mertensiana has also
reddish, Cinnamon colored
bark

Dolander Feb 5 1867

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10567

PRESCRIPTIONS

CAREFULLY COMPOUNDED

BY

COMPETENT PHARMACISTS

DAY AND NIGHT.

Stoddard Pharmacy,

N. W. Cor. Easton & Garrison Aves.,

POOLE & CO.

IMPORTED AND ARTIFICIAL

MINERAL WATERS,

NATIVE AND IMPORTED

WINES AND LIQUORS,

FOR MEDICINAL PURPOSES.

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Dec 10 1878

	Tsuga	Hesperopeuce	Pseudotsuga
leaves	with single duct over midrib	same	two ducts
male fl.		slightly	regularly
anthers.	with knob, slightly opening	same	obliquely (longit.
			the cells running to apex
Pollen	circular compressed	2 lobed	oval
seed	with glands	same	no glands

Tsuga

I Eutsuga pollen circular, compressed

II Hesperopeuce 4 2 lobed

10568

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Rec April 11

t. 3

Saxifraga Carolineana

Talleyrand Place, near

Jacksonville, Fla.,

April 6 1881.

Dr. George Engelmann:

Dear Sir – Your letter of April 1st + one just preceding it were duly rec'd – I am fitting out for a second cruise of the Reefs, leave to-morrow, & have not time to write much – I don't know that I can add anything to what I wrote Prof. Sargent about the new Saxifraga: he ought to have sent you a copy of my notes – I could not write as accurately now as when I wrote to Prof. Sargent – about details. Saxifraga Canadensis & S. Caroliniana both grow on Pinnacle Mt., a long ridge commencing about 8 miles S. of Hendersonville, N. C.

T. Canadensis abounds in the
ravines of the Mt.-; T. Caroliniana
occurs near the summit, above
running water, some trees growing
on cliffs — The two are very different
in general appearance, and this does
not arise from difference in stations,
for the two sps. are to be seen growing
side by side at the entrance to Mr.
Middleton's place, at ~~Block Rock~~
Flat Rock, 3 miles from Hendersonville,
where they were set out a great
many years ago — Their branches
interlock, but can be distinguished
from each other as readily
as Quercus rubra
could be distinguished from Q. rubra
In general form & bark I think there
is not much difference — The branches
& branchlets of T. Caroliniana are
slender, the leaves spread in different
directions usually, though in some positions
they spread in one plane, as in T. Canadensis.

The leaves differ in shape also.
The foliage is very dark green, glossy
& shows but little glaucousness.
The cones are very beautiful,
& a rich leathn color, the scales
spreading at right angles to the axis.
I. Canadensis affears just as
it does at the North.
If any one wishes to find the tree,
Mr. Drayton will show him the specimen
at Mr. Middleton's gate, and Mr. King,
living at the foot of Pinnacle Mt.
will guide him to a wild grove of it.
It grows at an altitude of 3-4000 ft.
I judge. I don't remember much
about the vegetation around it,
but it was of the same character
as that commonly found on
exposed Mt. sides - Acer, Chestnut
Hickory & Pinus rigida (the only
Pine on this Mt.)

10569

I have sent a suite of specimens to Prof. Sargent from Alachua & Putnam Cos. Fla. which will satisfy him. I think that Pinus claussa is a var. of P. glabra - Both grow there and blend into each other.

The "oval-leaved scrub-oak" you speak of I don't know unless it be the enclosed, which I called Q. Phellos var. arenaria -

The scrubby forms of Q. Phellos (or aquatica) and Q. virens are extremely variable.

Tsuga Canadensis, Engelm. is a stout, low-branched tree - It ought to be readily propagated from the seed I sent Prof. S. It would be an ornament to any ground.

Yours truly

S. M. Tracy

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1872. Coniferous plants of British Columbia by James McNab, Kirkbey. Gard. Chronicle Apl 6 1872 N14 p. 464

"Abies Albertiana" Jeffrey "Somewhat allied to the Hemlock Spruce" - was before Jeffrey unknown to English Gardens; - Spec: 100 feet high 25' Seeds sent by recent Collectors as A. Brewerii Menziesii or Williamsonii seem the same. - A. Albertiana does well in Perthshire Canada by [illegible]

10570

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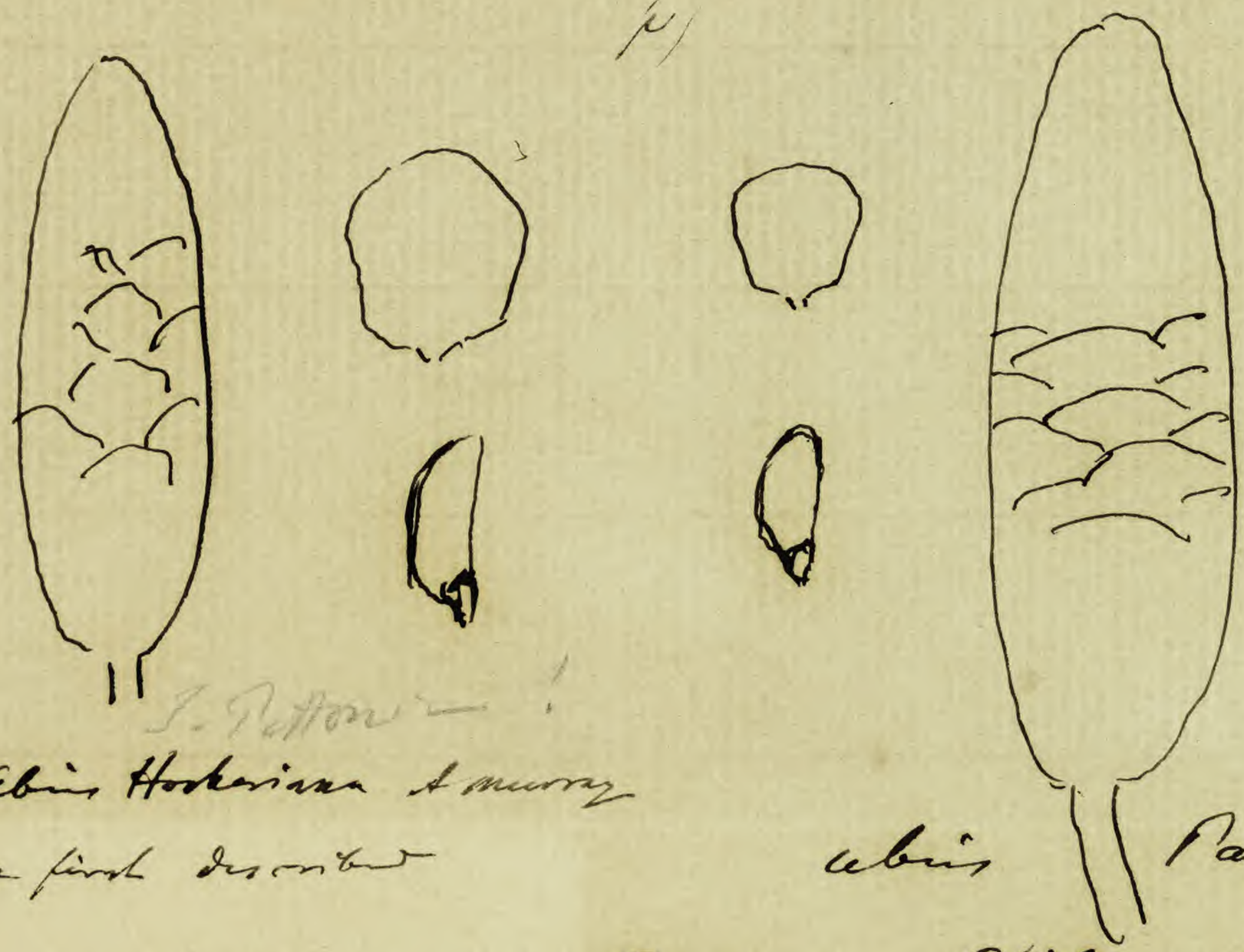

S. Pattoni ?

Abies Hookeriana A Murray

here first described

Abies Pattoniana

A Murray in Edinb. new Philos. Journ.

vol 1. (1855) tab 9 pag. 289.

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10571

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Lewis A Gibbes Charleston SC

to Dr A Gray Aug 2d 1856

--- Pinus (Abies) laxa I call a species most closely related to P. Canadensis. I first saw it 1850 in our So. Car. Mountains without cones. I saw it again in 1851 and 1853 in No. Ca. with fruit, and have received it also from friends collecting for me. It has been in my herbarium ever since 1851, first as a puzzle, as I could scarcely suppose it to have been overlooked, and latterly slowly inducing the conviction that it is new. --- The leaves are those of P. Canadensis the cone differs from all the others in the degree of divergence of the scales from the rhachis (whence the name), when mature [open] at almost right angles; the scales are also of coarser texture than in Canadensis

The tree is small 20 or 25 feet high, branches thickly set on the trunk, not stretching far, foliage very deep green, almost blackish at a distance.

The tree is rare and but few in a group; I have never seen half a dozen in a group. — — —

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cm
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Your note of the 6th is at hand.

I enclose 60 cts in stamps.

Will you be good enough to send me by mail one copy "Flowering of Agave Shawii."

And much oblige

Yours very respectfully

Geo. U. Lord

(Care of E. & J. B. Young & Co.
Cooper Union
N.Y.)

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS
10572

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